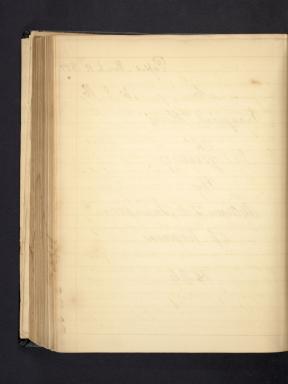
Paper March 12" 1827 W. S. A. Inaugural Thisis On Dysentery William y. W. Jalia ferro of Virginia 1896



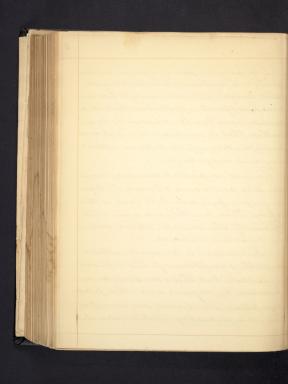
Dysentery) Is a disease which has been treated of by practical unters, from the days of Dippocrates to the present time. The many discordant Theories, and the still more numerous plans of cure, which have been advanced respecting it, form a laby with of opinions, some of which are band on facts recorded by experience while others have originated from blind detotion to priciples false both in theory and practice. Nor is this discrepancy of opinion, confined to The ancients. among the moderns, we find many points of the pathology, as well as treatment The subjects of disputation - One tiles us, dysentery is closely alied to enteritis, and that venescetion is the proper remedy. another says, strictures of the colon,

or small intestines are the cause of the disease, preventing the feeal and other present matter from being discharged; therefore we must un purgations - a third apares as that copious purging will induce a fater debility, and that nothing but sudorifies can effect a curo. and a fourth considers mercury as a specific and afrests that unlip a fitzalism be excited, the patient will fall a victim to the disease. Coulten defines dysentery to be a contagious fever in which the patient has frequent stools accompanied with much priping and followed by a tener mus. The clools though frequent are generally made in quantity, and the matter voided is chief by nineus, sometimes mixed with blood Us the same time the natural fices see down appear and when they do, it is finerally in a compact hardened form?

Deplatery occasionally a fumer various forms, or in combined or complication with other diseases, and accordingly it has received affectations. Indied as minute have been the divisions by dome author that it amounted to a fastidious multiplication of districtions without any real difference.

The most important divisions perhaps an into acute and chronic of these, we propose particularly to local in this epay. Them are honever some other forms of the disease, which will be currouly noticed

The disease is commonly ushered in with symptoms of the topical affection; but these are sometimes presided by regours, and other fitted agentitions. The bouch are constituted, and unusually platitud. Franks



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though celdon, sometimes appears first. The disease in most cases commences with proping and a frequent desire to wach ate by stool forme tener mus aften as I title is discharged. The evacuations become more frequent, the toming more distrifing, and the tener mus considerably increased. Anorese in and frequently justice distreps, and vomiting, a company these symptoms. The tonque is loaded with a white fun More or less pigrenia is always present. which is for the most part in flammatory, but occasionally a frames the typhoid or periodical type As the disease advances the motions vary both in colour and consistence, being some times composed of murely a miscons matter, exhibiting that form of the disease, which is denominated depenteria alla or morbus nucosus. In most cases however blood is present in the stools. At other times there is an acred

watery discharge, resembling the washings of raw flesh . emitting a very feter odown Sometimes pure florid blood is voided. In some cases There is no discharp at ale how and then small maper of matter of a sebacious nature are found in the was - wations. There were considered by Pringle as actually cheen which had been eaten by the patients while Thomas condidens them as nothing more than may ser of coaqueated muces. Tometimes purulens matier and frequently a sanies arising from gangrenous parts avedorcha ged; and accasionally films of apprembra - mous nature and to be seen in the stroly Notwishearding the frequency of the evacuations, compound of these various motion, it is but rarely we can perceion any natural feces among them, and

when we do they consist of small irregular bales denominated scybala. Goetor Johnson a writer on diseases of tropic - cal climates, doubts whether freal eracuations, in the form of scybala, ever appear in this denaso. Thowever enemps the dysente my of Inopieue climates may be from this symptom; it is undouttedly a gene--ral concomitons of the disease as it appears in our own country. And are macuation of this feculent matter whith er by an effort of nature or by the interperance of art is attended with a temporary nucleyation of all The eyonplows, especially of the frequent motions, tomina, and tenermus. The violent efforts which are sometimes made to dis charge the writating contents of the alinentary sunal, in some instances

occupions a prolapsus ani, which in propers of the disease, prous a distreping and trothe Sterome symptom. There is also sometimes

Alsonia ognificano There wales sometimes (a Fringle elienes) a strongury proceeding from the enflowment for two they to the neck of the bladder.

Diagnosis. Dystating in its milet form bears so close a restrublance to diarrhose that the two diseases may be readely confo-

unded. It is the opinion of nosologists however that durishave is never contessions and is unattended with fever and inflan

-mation, that the leasuations, though not natural, are not bloody, and that the

tormina and linesmus and less several when the symptoms of The former and will disched the diagnosis is easily established.

Dysentery may be distinguished

from cholina, by the great descharge of bile by routing and stool, which takes place in this latter disease, and from solic by the obstinate anotification, which always attends this affection.

Causes. Us respects the armete causes of this disease, practitioners and by no mumapus Creeping and long continued heats of summer more and autumn, succeeded by much more turn induces a predisposition to the diseases, and thus it happens more frequently in harm than in cold climater.

It was formerly supposed to arise from a spice feecestation, by which it was communicated from one individual to another how accurate investigations have expended the falsacy of this openion as respect, it feneral characters. A late writer supports the proposition, that dysentery is of ilrely

here contagious, nor the intermitent and senie tend forms of it, that only when continue with typhus, does it proper the characteristics of a certagious disease, and this he insists ong a certagions of fever and not in the certagion of fever and not in the view specific to degreeners.

For I Viringly & others have preme it as there opinion that the contagions arises from the clother, evacuations, wind or people two of dysenterie patients, and more experiently when the exactions are suffered to tapen in the patient, chan ben Mesther of there supported my evidence, that these discharge are supported by evidence, that these discharge more supported by evidence, this effect. It has more or been shown that dysentery may be contracted, though the pratect attention be paid to clean in import the patient attention be paid to clean in import the dysentery of tropical climates sum.

to be found in some manner or other commenced acronymous of the lover but whither the one is a carry of effect of the other, seems not to have been a securately determined for sometimes the hepate affection as an tile process. The depositions of the times succeeded it, and on some cases against the some or forth diseases are blanded from the some ment to the termination of the case.

The disease also arises from the come coarse as our autismome fevers of from a cried settle - ces taken into the stomach. That it may a - vise from a activate state of the atmosphenes we are naturally led to conclude; from its sometimes observing the laws of apedencies. Vier fitudes of weather as from heat to cold, thereby supprespens persperation and occasioning a deler number to the intestine

excite the direase

Per pecting the proximate cause of depente-

my there are also various opinions.

" as there is hardly a disease in the whole

samp of morely, more uniforms in its nature and symptoms than the, The direction of any and a support on the

erepanay among author must have arrived as conscious, in consequence, of mistaking

prominent effects for proximate causes, and as the remedies administend to dried

the former, have frequently amoved the latter, each individual was impressed with

ter, each indudual was improped with a belief, that he alow had discovered the

true cause & cure of the diseases

While some believe that an acrise mother is generated in the intertiens and by exciting their periodallice motion, gives mise tothe fright trachabons, Their maintain that

the disease consists primarely, in a exasmadic constriction of some part of the com

Most pervaley and especially when arising from march effluria, do in believe degenting to be a decrease of pastone origin. The mostiff is cause first acting on the attended product to the intestines which become its permanent state whenever it persades the whole explans. The proximate cause of the decrees them may be considered to consist in an inflammatory affection of the large intestines, that on pastones with fire

The in frammation byins in the some pain. Then and is attended with little or me pain. Then extending to the muscular absorbations of the intestines, which present the free evacuations of the intestines, which bear been considered as a cases, in shad of an effect of the disease.

The determination of blood to the vules. timas tube, usually increases the action of the secretary refiels, and thus occasions a quater quantity of uncusto be seeve ted Than in health. But sometimes, in consiquence of the inflammation transcen ding the secretory point, there is no dis Charge at ale. And at other times, ving to devanged state of there befill, the med blood destined for the purpose of secretion, is poured out unahanged into the intestines, and is thus discharged. If the inflammation is not arrested in due timo, the peritoneum becomes involve ed and Then arese Those acute frams about at domen and other symptoms pe-Culian to inflam mation of the ser our tipue.

To provis When dysentery is inclined to ter minaco fatally, pressia in a peater or les degree usually attends throughout the whole course of the disease. The symptoms our high, and produce great prostration of strength, a companied with fetia, and involuntary discharges and this went may take place in a few days. but when the symptoms are moderate. It is frequently protracted to somelength of time, and at last a gentle perspiration def jused over the whole body prover entical; The felvile symptoms and tornina then ceasing, and The evacuations becoming of a natural Colour and constituce. - When the dir ease has existed for a long time and has become hateluae, it is often diffi = call to remove and when it attacks per-

sons, labouring under chronic diseases as photheris pulmerates &c. or the whow constitution have been been worn down by other diseases, it proves the purcurses of weath.

denermens in a prat degree, severe tornines, a very frequent inclination to go to shoot and in indulying which, but little is discharged, or now at all, or a discharge of pure florid blood, pat fetor of the stools much prostra tion strength, violent pryrenia, a tense abdomen, coldness of the extremities, cold claring sucats, aptha, Singutters, substitus tendimum and a weak inigular pulse denote the most imminent danger. On the contrary a julle and universal diaphoreis, a moderate dogree of pyrenia, the motions, a framing a more natural colour & aunistence, and a praduce ataleness of the tornina and tenermus, indicate a favourable termination.

That motion enaminations demonstrate to us.

That intestions have been a freeta with
in flammation and its envegiences such
as far pew, adherious & contractions.

The beter and orderin, appear to have sustained the most entender in jury. The
perstoneum also in many trastances whith
traces of inflammatory action. On a the lien
most un frequently, presents appearances of
having been truck appearances of

Of the pathologies siews of describing which have been distailed, and servet, the indications of sum as deduced thereforew, must be see fricinally obvious. The denses appearing in its usual forms, demands the meduce from of inflammation, with morter instation, and spearing the free warnations of the alumn tany canal of the alumn tany canal of the assistance of the healthy condition

of the our face.

It the inflammatory symp toms be urgent, and the patient plethories and vegorous, and sometimes even when this latter condition does not exist, venescetion, repeated as often as circumstances may re quino, is undispensable. If employed thus early in the disease, it has a tendency to arrest the progress of in flammation to prepare the system for the operation of medicines, to relan the sparm of the intertines, which prevent the face love wation of The alimentary canal, and not unfrequently to afirst the removal of the sparm of the culaneous refrels.

Sometimes were after we have every a bloodiding as far as is consistent with safety? The abdomin ormains term and unyielding. In this case it will be meepany to employ leeder or cups, of which

The former applied in large numbers are preferable In some cases the stomach is loaded with belo; and other irritating matter, creating much justice district. Here venescation being premises, un emitin will be obviously pooper. For besides relieving The stomach of its initating contents, it a first in an olving the spasm, and determines to the surfaces To answer this purpose, to larined antimony aloneor in combination with epicacuanta may to employed At this stay of the disease, purfations a most infertant clap of remedies in the treat ment, are introduced to clear the bowels. Theenbent to which purpose should be corried, is a point which has been much discussed; but the opinion seems now to be pretty were established, that the most beneficial effects, are derived from them, when employed till natural stools appear for it is evident, that as long as the intialed matters caused by previous initation, remaine in the

stready in flamed extertines, we cannot expect to overcome the disease.

It is usual to commence with the and such as bearter oil; but from the leader of which the musicane has to run off, in most instances without producing a sufficient imprefier has deem it incompetent to the competet removal of the feestend matter, and and of openion that it answers better as on airciliary to mon active medicines.

In the minimate district of country in which we reside the practitioner entertaining from Melep Grant of inducing an alaming state of deticity, may altern employ renescetion but are in the habit of administering at the onset of the disease a solution of faster emitte and Pulphate of sode in one bination the weat of fill which is a copiers tracaction of the almost of which is a copiers tracaction of the almost ony canal. They then sent to mercurial proper

The latter medicals, on the testiming of the larghest authority, are justly entitled to the great list confidence. They may be used a some or meters being from other with Philades the operation being from other by laxation injection,

The use of opium in digitation, has been as landly applanded, as unconditionally condemned. Get him as in many other instances, it is the abuse only which has brought Edium on a valuable medicine. If given alone opium wite probably be injurious particularly in primary attacks, and in young and plethorio habits. If alternated with purgations, it will be attended with tillo, if any advantage. But if combined with Calonet in an early stage of the disease, and with ipieae, at a later period, it will prow a most valuable auxiliary, to these medicines, both by preventing any interhance

irritation, from the one, and by increasing the diaphontic effect of the other.

When free traculations have been preceded by mercured purper, carter are and specime easts, may be used, to precent the accumulation of feculant matter, which by troping up an incorpant initation, occur facts a gravato the disease

After arterial action has been lepen ea, by the fore joing means, in resort to diaphoretes to restore the healthy conditions of the aurface.

Among others Rether amaiders againly as a rheumatic of festion of the bestly and in son formity with this theory, it is the practice, to induce a copious diapphonein to the exclusion of renestation though this practice may be succeptured in that particular form of the desease, arising

from supposefue peopliration which in some instances, hears on insomeiderable analogy to sheamatismer catanh, yet its general application will be found extremely detrimental

Deter Tweely a writer on the diseases of tropicar climates, concern with Toydenham in considering dry takeny as the fever of the reason turned in on the bowels. By a very builden amprepare of the perspiration the forms him leading, indeed almost his cold adject, in the breatment of the disease. There after proparing the system by these litting is mechanist enclosing the system by these litting is mechanist enclosing on enderipse.

While evacuations are the necessary a combination of calonel, Episacuan he and opium, will be found to allay irritation, titler mine to the surface, and justly open the bouls.

Speace anha alone or in some broader has been lay celebration as a remery in this disease. Induct it is considered to exert a speaceful effect. But in what manner, has always been a subject of dispute. While some as bullow ! Baker below that its whilety depends on its pumping effect, other with more placestility in pute its efficient to the relation of speace and the determination to the sees of speace it in duces. I me maintainer are of opinion that it may be most advantageous by laply ew. in those cases, when the preatest granting of blood is discharged.

The administration of the preparation of antimony at the stage of the diesaw. has been ably a drocated but the weight of althrity is decided, in favour of Specamaha. As auxiliary to the amating plan warmthe externally applied in the form of former

tations to The atdonew, is useful by alloging pain and sparm and inducing diaphonsis. And for this purpose, clothe wring out of a warm decretion of chamomile flower and propby heads, may be employed. Bathing those from of the atomach with the trucken of opium, camphoration spirits and the tineture of capsicum, will afford much relief. The warm bath is also necommended, and is particularly applicable to the coses of children. But from its prompt efficacy and the facility with which it may he The vapour bath is the best mode, in which warmth can be applied. As a substitute for the warm bath, the flamed roller (the evenis of introducing which is due to profepor (chapman) may be advantageously employed. This consist, in a broad flowner bundage, papia seonal

times orand the abdomen with some degree of tophtrefs. It answers the purposes of promoting perfect to the breaking support to the breaking interference intertines.

If the disease he not set due by the surge already detailed assistant becomes neepary. It alian this end, it is usual to apply a large titue to the absormen. By their applying it man the diseased part, the effect is much more prompt, and certain, than if applied to the extremities, as is sometimes done

The semedies accommended to alloy domina and tener mus, and the chaqueur involvers, the interesting of a piece of a piece and in few places of a piece and the defined express Anodyne in judious constitutions of from a ratio or as evaluating left irritation, a sumple piece of opiece of opiece with the original piece of opiece of opiece with the original who is a sumple piece of opiece of fresh mutter to the original who is a sumple of opiece of opiece of fresh mutter or when its or appearance of fresh mutter of the original who is a superior of fresh mutter or

land, are spoken of as highly efficacions in where there troublesome symptoms.

When this disease arises in brended places, makestamps, jails, hospital, and ships, it is afted to a perme the typhoid type bear it is located to the treatment, to be a dapted to this modern ration of the disease, must differ materially from the fore jump.

In this case veneration is only admissed at the very commencement of the disease. But in allumining on the proposity of this latter smedy, the pule should not be our only present with it committees in an opposition, as well when we have peased to suspess this, as well was of the page vicena. The compley west of the sapour tath & frictions, will be an toldy frequently cause the pulse to vise, and indicate a state, in which sense without may be resorted to not only with capty but soident a drawlage. If hence

general blood telling be madmifible leceling or cupping may be employed. And after some impression is made by these means, emities, followed by moderate evacuations of the ale mentary conal, should be used. The patient should be freely blistered, and small does of mercury administend to induce a physism As auxiliary to mereury the netric acid has been recommended, and as still better, the netro muriatio acid in the form of a tath In the sinking state the system should be supported by the carbonato of ammonia opium and the spirits of turpentine. When descentery is blended with tuter meters fever it is now the established practice to endeasour, first, to remove the bowel affection, and then to administer the ormedies, adapted to the form of pever, with which it is afrociation.

Dependency is denominated chronic, when after the acute symptoms are removed. Here remains some tenderness of the alimentary canal; the exactations are small and consist of very felia mucus and seem tend matter, the opposite is bad, the tonger have, the competition is small, have, and guick, accompanied by a dry and parched opin, the complexion is callow, and the expression of counterance mapse and the expression of counterance mapse

the symptons in the , case tridently denote that the blood is determined from the surface to the great reserve. The maintenant the material the material the material the material should be made the least of these medicines calculated to nestone the healthy ton didon of the surface.

In a means of relaxing the surface.

and maintaining an equally perspection, then is perhaps are muderon more highly recommended than devers powder, and particular by in this form of describery. I pramostar of special and a little opium, promo surrace times aday, is also said to be very serviceable by producing a determination to the our faces.

It is here that the flurnel notice, a some dy, before mentioned is said to display its greatest efficacy.

If the disease prove obthinate, and more specially if we have reason to unspect he patie deran gement, calonel should be administered in minute does. It is from the remarkable utility of this medicine, in depending when combined with he feature affections, that the practice has become so general in warm elemate, of being it in all the slager of the disease.

Bretor Solinson in his work on the diseases of tropical climates, has pointed out the result on the decran function of the decran functions of the skins and twee the recommends Carp closes of calonic combined with small fortions of spiers.

Mhen the convalence or occasional surprise and there is a constant or occasional harrhes opiates, astrongerts, and mile tower may be anostice to with advantage but most confidence is to be placed in aginery and in some coses in a change of climate.

The dies of the patient is of the letmost importance in this disease. It should consist of the Eightest Jord and that in a flice state; such as Carley wator mucilage of gum arabic; or slipping lin, sage arrea most tapicante, showing com-

valescence animal pelies and other with cles early of dipolion may be allowed.

When the disease has yielded it is of the first consequences that we do not indulyo the patient with an mae food, even though his appetito should strongly desire it for it must In obvious, that such food wile be taken into an alimentary canal as yet. by for too weak to a fimilate or digest any but a very small portion of it. Hence springs a source of writation, to the tender entertines. which not only relards recovery, but frequently produces a dan prous relapsio.

There are few persons unconnected with medical purewith, who are wilcome to approcate the beneficial results, answer from a street additioned

pagenew in all acute disease, Indeed wound in their the core, that there are partied in appetite returns and Their that his strength with be required in frequently of alineast a hich his consumes. I alread by this idea the friends of the patient of the patient of the presently brokeness, which is not un frequently production of the most serious con leguences.

